

Title (en)
CERAMIC PUMP AND CASING THEREFOR

Title (de)
KERAMISCHE PUMPE UND GEHÄUSE DAFÜR

Title (fr)
POMPE EN CÉRAMIQUE ET CARTER CORRESPONDANT

Publication
EP 3209882 A1 20170830 (EN)

Application
EP 15821031 A 20151214

Priority
• EP 15150906 A 20150113
• EP 2015079620 W 20151214

Abstract (en)
[origin: EP3045724A1] Casing (1) for a volumetric pump, said casing (1) comprising a wall (2) being in ceramic, characterized in that said wall (2) comprises at least one opening means comprising a recess (3), a through-hole (4) in the bottom of said recess (3) and a nozzle (5) being manufactured inside said recess (3), said nozzle (5) being concentric with said through-hole (4) and having a length (h1) inferior to the depth (h2) of the recess (3).

IPC 8 full level
F04B 13/00 (2006.01); **F04B 7/00** (2006.01); **F04B 7/06** (2006.01); **F04B 15/04** (2006.01); **F04B 39/12** (2006.01); **F04B 53/16** (2006.01)

CPC (source: CN EP US)
F04B 7/0046 (2013.01 - CN EP US); **F04B 7/04** (2013.01 - US); **F04B 7/06** (2013.01 - CN EP US); **F04B 13/00** (2013.01 - CN EP US); **F04B 15/04** (2013.01 - CN EP); **F04B 39/121** (2013.01 - EP); **F04B 39/125** (2013.01 - EP); **F04B 53/16** (2013.01 - CN EP US); **F04B 53/166** (2013.01 - US); **F04B 39/121** (2013.01 - US)

Citation (search report)
See references of WO 2016113053A1

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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3045724 A1 20160720; CN 106795871 A 20170531; CN 106795871 B 20200501; EP 3209882 A1 20170830; EP 3209882 B1 20190424; JP 2018503013 A 20180201; JP 6491744 B2 20190327; US 10557467 B2 20200211; US 2018230993 A1 20180816; WO 2016113053 A1 20160721

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EP 15150906 A 20150113; CN 201580050903 A 20151214; EP 15821031 A 20151214; EP 2015079620 W 20151214; JP 2017516511 A 20151214; US 201515513790 A 20151214